

REPTILE AND AMPHIBIAN TYPE SPECIMENS HOUSED IN THE NATIONAL MUSEUM OF VICTORIA

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Introduction

This list is an attempt to locate or account for all Reptile and Amphibian type specimens which have been, or are believed to have been, lodged in the National Museum of Victoria. This task has been made difficult by several factors. Some authors rarely nominated type specimens, but rather listed specimens from particular localities. In such cases, any specimen of a given taxon which was in the Museum collections from these localities and available to the author/s is regarded as having been a syntype. Fortunately, in most instances one specimen has retained some original identification (e.g. 'figured specimen') which confirms that it was used to fix the taxon, and accordingly such specimen has been nominated as the lectotype.

Concerning material collected during the Horn Expedition of 1894, it is reasonable to assume that, as various States were represented, they each received representative collections. It is also reasonable to assume that, as Spencer was Zoologist with the Expedition, Victoria would have retained the bulk of the zoological material. Spencer's collection was housed jointly at the National Museum and the University of Melbourne (Zoology and Anatomy Departments). The remainder of the zoological specimens were probably lodged at Sydney and/or Adelaide Universities. Unfortunately some of Spencer's material from the University of Melbourne (most of which is now in the National Museum) has been lost, or become separated from its original labels, making it extremely difficult to determine types, figured specimens or specimens from given localities.

In an attempt to avoid systematic problems, each taxon is listed alphabetically under Family. Each Family has then been arranged alphabetically into its respective Suborder, Order, and Class. The general format follows Cochran 1961, each taxon being listed with its original reference. In each case the final name listed is that currently recognized for the taxon.

All specimens are in spirits, and are in at least fair condition unless otherwise stated.

Class AMPHIBIA
Order SALIENTIA
Family HYLIDAE

Genus *Hyla* Laurenti, 1768

Hyla ewingii iuxtaewingii Copland, 1957

Proc. Linn. Soc. N.S.W. 82: 60.
= *Hyla ewingii* D. & B. 1841.

PARATYPE: D6723, Darby, Wilson's Promontory, Vict., donated J. A. Kershaw.

Hyla ewingii loveridgei Copland, 1957

See under *Hyla ewingii oberonensis* Copland.

Hyla ewingii oberonensis Copland, 1963

Proc. Linn. Soc. N.S.W. 88: 107, new name for *Hyla ewingii loveridgei* Copland 1957 (non Neill 1954).
= *Hyla verreauxii* Dumeril 1853.

PARATYPES: D7708-12, Little River, Suggan Buggan, Viet., collected C. W. Brazenor, 3 May 1949; D8698-701, Mt. Baw Baw, Viet., collected C. Tanner, 28 Feb. 1955.

NOTES: Zweifel (1958) transferred *Nyctimystes loveridgei* Neill, to the genus *Hyla*, necessitating Copland's name change.

Hyla gilleni Speneer, 1896

Report of the Horn Expedition to Central Australia (hereinafter termed 'Horn Expedition'): 2: 173-4, Pl. 15, figs. 14-17.
= *Hyla caerulea* (White 1790).

HOLOTYPE: D9827, Alice Springs, N.T. (old no. 57806).

NOTES: Spencer mentions four specimens of this species. D9827 bears a label in his writing stating 'type', and must be the holotype. The three paratypes appear to have been lost.

Hyla maculata Spencer, 1901

Proc. Roy. Soc. Vict. 13: 177-8.

HOLOTYPE: D8498 from Poowong, Vict., collected R. Hall.

NOTES: Known only from the type until Copland (1961).

Family LEPTODACTYLIDAE

Genus **Notaden** Gunther, 1873**Notaden melanoscaphus** Hosmer, 1962

Am. Mus. Novit. No. 2077: 1-8.

HOLOTYPE: D10144, Borroloola, N.T., collected W. Hosmer, 26 April 1960 (ex. American Mus. Nat. Hist. 67161).

NOTES: This taxon was erected on a single specimen. Additional specimens have since been collected by F. Parker from Strathgordon Homestead, Queensland.

Genus **Philoria** Spencer, 1901**Philoria frosti** Speneer, 1901

Proc. Roy. Soc. Vict. 13: 176-7.

LECTOTYPE: D8497, Mt. Baw Baw, Vict., collected C. Frost.

NOTES: Seven specimens of this taxon were mentioned in the preamble to the description, which was apparently based on a single specimen. D8497 is the only specimen extant of those mentioned and is here designated lectotype.

Genus **Pseudophryne** Fitzinger, 1843**Pseudophryne dendyi** Lucas, 1892

Proc. Roy. Soc. Vict. 4: 62-3.

NOTES: The holotype of this species has always been regarded as having been lodged in the National Museum collections. Harrison (1927) presumed that it had been lost as he could not locate it. A search through our old records fails to reveal any trace of it having been lodged here. The Melbourne University Zoology Department register lists this specimen as being No. 222, but as a search of the MUZD collection failed to find it, it is presumed to be lost.

Pseudophryne semimarmorata Lucas, 1892

Proc. Roy. Soc. Vict. 4: 63-4.

LECTOTYPE: D7196 male, Grampian Ranges, Vict., collected W. Kershaw 1887.

PARALECTOTYPES: D7195, Grampian Ranges, Vict., collected W. Kershaw 1887; D7234-7, Waterloo, Vict., collected J. A. Kershaw, March 1885; D7259, Ringwood, Vict., 12 Dec. 1890, donated E. H. Hennell.

NOTES: The lectotype selected is in the best condition of the type series, and is from the Grampian Ranges, the only locality mentioned in the formal description.

Family MICROHYLIDAE

Genus **Cophixalus** Boettger, 1892

Cophixalus exiguus Zweifel & Parker, 1969

Am. Mus. Novit. No. 2390: 1-10.

PARATYPES: D13170-2, Mt. Hartley, 23 m S. and 5 m E. of Cooktown, Qd., collected F. Parker, 10 June 1968.

Class REPTILIA

Order SQUAMATA

Suborder SAURIA

Family AGAMIDAE

Genus **Diporiphora** Gray, 1842

Diporiphora amphiboluroides Lucas & Frost, 1902

Proc. Roy. Soc. Vict. 15: 76-7.

= *Diporiphora amphiboluroides*.

HOLOTYPE: D8813, W. Australia.

Diporiphora winneckeii Lucas & Frost, 1896

* *Horn Expedition* 2: 132, Pl. 12, fig. 5, Feb. 1896.

Proc. Roy. Soc. Vict. 8: 3-4, April 1896.

= *Diporiphora winneckeii*.

LECTOTYPE: D10156 male, Charlotte Waters, N.T., collected Horn Expedition, May-August 1894 (old nos. 57882 or 3).

PARALECTOTYPE: D10155 female same data as lectotype (old nos. 57882 or 3).

NOTES: The lectotype has been selected despite uncertainty as to which specimen was figured. The paralectotype has been eviscerated. The original labels on the specimens have the sexes reversed.

Genus **Physignathus** Cuvier, 1829

Physignathus lesueri howitti McCoy, 1884

Prod. Zool. Vict. Dec. 9: 7-10, Pl. 81.

= *Physignathus lesueurii* (Gray 1831).

LECTOTYPE: D1822, Upper Reaches of the Buchan River, Vict., collected A. Howitt, and figured in the original description.

NOTES: The remaining two specimens referred to by McCoy cannot be located.

Genus **Tympanocryptis** Peters, 1863**Tympanocryptis intima** Mitchell, 1948

Rec. S. Aust. Mus. 9: 60-2, fig. 2.

PARATYPES: D1164-77, Central Australia, donated G. Horn, 23 June 1927.

NOTES: Mitchell quotes Nos. R1164-78, i.e. 15 specimens. Our records show that only 14 specimens were in fact sent to the author, and their registrations were prefixed with 'D'.

Tympanocryptis lineata pinguicollis Mitchell, 1948

Rec. S. Aust. Mus. 9: 70-2, fig. 6.

PARATYPES: D1338-9, D1848-9, Essendon, Vict.; D3482-3, mouth of Yarra River, Vict., and D7702, Essendon, Vict.

Tympanocryptis tetraporophora Lucas & Frost, 1895

Proc. Roy. Soc. Vict. 7: 265-6.

LECTOTYPE: D7701 from either Adminga or Dalhousie, S.A., collected Horn Expedition, May-August 1894 (old no. 57860).

NOTES: The authors had two specimens before them, and the paralectotype appears to have been lost. The lectotype has no locality data, excepting Central Australia, with its old registration entry. This explains the doubt re its locality. Mitchell (1948) considers this taxon to be a subspecies of *T. lineata* Peters 1863, while Storr (1964) gives it full specific rank.

Family GEKKONIDAE

Genus **Ceramodactylus** Blanford, 1874**Ceramodactylus daemeus** Lucas & Frost, 1896

* *Horn Expedition* 2: 119-20, Pl. 9, fig. 2, Feb. 1896.

Proc. Roy. Soc. Vict. 8: 1-2, April 1896.

= *Diplodactylus daemeus*.

HOLOTYPE: D7528 from Charlotte Waters District, N.T., collected Horn Expedition, May-August 1894 (old no. 57846).

NOTES: Paratype MUZD No. 968 appears to have been lost.

Genus **Diplodactylus** Gray, 1832**Diplodactylus bilineatus** Lucas & Frost, 1903

Proc. Roy. Soc. Vict. 15: 146-7.

= *Diplodactylus pulcher* (Steindachner 1870).

HOLOTYPE: D7570 female, Minilya Station, 80 m inland from Carnavon, W.A., donated T. Warr.

Diplodactylus byrnei Lucas & Frost, 1896

* *Horn Expedition* 2: 124, Pl. 12, fig. 2, Feb. 1896.

Proc. Roy. Soc. Vict. 8: 2-3, April 1896.

HOLOTYPE: D7534 male, Charlotte Waters, N.T., collected W. B. Spencer, May-August 1894 (old no. 57849).

Diplodactylus conspicillatus Lucas & Frost, 1897

Proc. Roy. Soc. Vict. 9: 55-6.

LECTOTYPE: D7535, Charlotte Waters, N.T., collected P. M. Byrne (old no. 57851).

Genus **Ebenavia** Boettger, 1879

Ebenavia horni Lucas & Frost, 1895

Proc. Roy. Soc. Vict. 7: 264-5, 1895.

= *Crenadactylus ocellatus* (Gray 1845).

HOLOTYPE: D7533, Charlotte Waters District, N.T., collected Horn Expedition, May-August 1894 (old no. 57576).

Genus **Hoplodactylus** Fitzinger, 1843

Hoplodactylus tuberculatus Lucas & Frost, 1900

Proc. Roy. Soc. Vict. 12: 145-6.

= *Cryptodactylus louisianensis* (De Vis 1892).

HOLOTYPE: D7874, Endeavour River, Qd.

Genus **Oedura** Gray, 1842

Oedura reticulata Bustard, 1969

West. Aust. Nat. 11: 82-6, figs. 1-2.

PARATYPES: D1689, D2450, Coolgardie, W.A., donated J. Frost. D2450 collected December 1897.

Family PYGOPODIDAE

Genus **Ophidiocephalus** Lucas & Frost, 1897

Ophidiocephalus taeniatus Lucas & Frost, 1897

Proc. Roy. Soc. Vict. 9: 54-5.

HOLOTYPE: D11761, Charlotte Waters, N.T., collected P. M. Byrne (old no. 57872). This appears to remain a unique specimen.

Family SCINCIDAE

Genus **Ablepharus** Fitzinger, 1823

Ablepharus lineo-ocellatus ruficaudus Lucas & Frost, 1895

Proc. Roy. Soc. Vict. 7: 269.

= *Morethia taeniopleurus* (Peters 1874).

LECTOTYPE: D11757 from either Goyder River or Bagot's Lagoon, C.A., collected Horn Expedition, May-August 1894 (old no. 57871).

NOTES: As two localities are mentioned in the Report of the Horn Expedition, uncertainty exists over the provenance of this specimen registered as from Central Australia. As only one specimen can be located, all paralectotypes appear to have been lost.

Genus **Egernia** Gray, 1838

Egernia slateri virgata Storr, 1968

J. Roy. Soc. W.A. 51: 60.

PARATYPE: D273, Central Australia.

Genus **Hemiergus** Wagler, 1830

Hemiergus woodwardi Lucas & Frost, 1902

Proc. Roy. Soc. Vict. 15: 77-8.

HOLOTYPE: D11772, West Australia. Apparently a unique specimen

Genus *Lygosoma* Gray, 1828*Lygosoma (Emoa) spenceri* Lucas & Frost, 1894

Proc. Roy. Soc. Vict. 6: 81-2, Pl. 2, figs. 1-1a.
= *Pseudemoia spenceri*.

LECTOTYPE: D1824, Brandy Creek, Vict. (old no. 56193). Figured in original description.

PARALECTOTYPE: D3357, Dandenong Ranges, Vict. (old no. 56192).

NOTES: Fuhn (1967) lists a syntype in the British Museum (Natural History).

Lygosoma (Siaphos) maccoyi Lucas & Frost, 1894

Proc. Roy. Soc. Vict. 6: 85-6, Pl. 2, figs. 2-2a.
= *Siaphos maccoyi*.

LECTOTYPE: D1851, Ringwood, Vict. Figured in original description.

PARALECTOTYPES: D639, Dandenong, Vict.; D796, Trafalgar, Vict.; D920 and D2251, Ferntree Gully, Vict.; D1049, Goulburn Valley, Vict.; D1621-30, D1632-4, D1636 all from Waterloo, Vict., collected by D. Kershaw, March 1883; D2540-4, Blackspur, near Fernshaw, Vict., Dec. 1873; D2581, near Lakes Entrance, Vict., Jan. 1885; D2638-9, Brandy Creek, Vict.

Genus *Rhodona* Gray, 1839*Rhodona officeri* McCoy, 1881

Prod. Zool. Vict. Dec. 6: 7-9, Pl. 51.
= *Lerista punctatovittata* Gunther 1867.

NOTES: Although McCoy stated that his Prodrusus types were lodged in the Museum, there is no evidence that this specimen was, perhaps because at the time of describing it the type specimen was living. It must be presumed to have been lost.

Rhodona planiventralis Lucas & Frost, 1902

Proc. Roy. Soc. Vict. 15: 78-9.
= *Lerista planiventralis planiventralis*.

HOLOTYPE: D11763, West Australia, donated West Australian Museum.

Rhodona tetradactyla Lucas & Frost, 1895

Proc. Roy. Soc. Vict. 7: 268-9.
= *Lerista tetradactyla*.

HOLOTYPE: D11756, Tempe Downs, N.T., collected Horn Expedition, May-August 1894 (old no. 57867). Figured Pl. 12, fig. 3, Horn Expedition, Feb. 1896.

Family VARANIDAE

Genus *Varanus* Merrem, 1820*Varanus eremius* Lucas & Frost, 1895

Proc. Roy. Soc. Vict. 7: 267-8.

HOLOTYPE: D9136, Idraecowra, N.T., collected Horn Expedition, May-August 1894 (old no. 57863).

Varanus gilleni Lucas & Frost, 1895

Proc. Roy. Soc. Vict. 7: 266-7.

HOLOTYPE: D11759, between Glen Edith and Deering Creek, N.T., collected Horn Expedition, May-August 1894 (old no. 57865 or 6).

NOTES: The two specimens mentioned in the report of the Horn Expedition shared these numbers, the type being clearly labelled by the authors.

Varanus spenceri Lucas & Frost, 1903

Proc. Roy. Soc. Vict. 15: 145-6.

HOLOTYPE: D12350, 50 m N.E. of Tennant's Creek, N.T., collected W. B. Spencer on Spencer-Gillen Expedition 1901-2 (old no. R6563).

NOTES: No indication is given of the exact number of specimens used in erecting this taxon, excepting the type and at least two others. From our material, it is impossible to say which are paratypes, and for this reason none are listed.

Suborder SERPENTES

Family ELAPIDAE

Genus **Demansia** Gray, 1842**Demansia nuchalis tanneri** Worrell, 1961

Proc. R. Zool. Soc. N.S.W. for 1958-9: 56-8, figs. b, d, e, f.

= *Demansia affinis tanneri*.

HOLOTYPE: D9819, Boxer Island, W.A., collected C. Tanner.

Genus **Denisonia** Krefft, 1869**Denisonia furva** Brazenor, 1947

Mem. nat. Mus. Vict. 15: 128-30, fig. 1.

= *Parapistocalamus hedigeri* Roux 1934.

HOLOTYPE: D7738, Torokina, Bougainville Island, donated R. Clark.

PARATYPES: D11764-5, Bougainville Island, donated R. Clark.

NOTES: D11764 has skull missing, D11765 has no head.

Genus **Diemenia** Gunther, 1863**Diemenia aspidorhynchus** McCoy, 1879

Prod. Zool. Vict. Dec. 3: 13-14, Pl. 23, figs. 4-4a.

= *Demansia nuchalis* (Gunther 1858).

HOLOTYPE: D12352, Junction of Murray and Darling Rivers, collected W. Blandowski (old nos. 3261 and R12802).

Diemenia microlepidota McCoy, 1879

Prod. Zool. Vict. Dec. 3: 12-13, Pl. 23, figs. 2-3a.

= *Oxyuranus scutellatus scutellatus* (Peters 1867).

LECTOTYPE: D12354, Junction of Murray and Darling Rivers, collected W. Blandowski (old nos. 493 and R12871), figured in original description.

PARALECTOTYPE: D12353, same data as lectotype (old nos. 3263 and R12870.)

NOTES: Both these specimens are in spirits with prepared skulls. Kinghorn (1955) based the genus *Parademansia* on them.

Genus **Furina** Dumeril, 1853**Furina bicuculata** McCoy, 1879

Prod. Zool. Vict. Dec. 4: 13-15, Pl. 32, figs. 1-1h.

= *Demansia textilis* (D. & B. 1854).

LECTOTYPE: D1832, Longwood, Vict.

PARALECTOTYPES: D4610, D8939-42, Benalla, Vict.

Genus **Hoplocephalus** Wagler, 1830**Hoplocephalus flagellum** McCoy, 1878

Prod. Zool. Vict. Dec. 2: 7-8, Pl. 11, figs. 1-1d.
= *Denisonia flagellum*.

LECTOTYPE: D4259, Boroondara, Vict. (= East Kew). Specimen 2 in original description.

PARALECTOTYPES: D4258, Boroondara, Vict.; D11973, South Brighton, Vict. (old no. 29611); D11974, Mount Martha, Vict. (old no. 29612); D11975, Prahran, Vict. (old no. 29614); D12356, Caulfield, Vict. (old no. R11048).

NOTES: The lectotype is chosen as it alone retains McCoy's original specimen number. Two of the paralectotypes cannot be located.

Hoplocephalus stirlingi Lucas & Frost, 1896

Horn Expedition 2: 149, Pl. 12, fig. 5.
= *Denisonia sutu* (Peters 1863).

SYNTYPE: D11758, Charlotte Waters, N.T., collected Horn Expedition, May-August 1894 (old no. 57099).

NOTES: At least four specimens were used in erecting this taxon. MUZD No. 978 from Alice Springs, N.T., is almost certainly one of these, but cannot be located. Depository of remainder of the series is unknown.

Genus **Hornea** Lucas & Frost, 1896**Hornea pulchella** Lucas & Frost, 1896

Horn Expedition 2: 150, Pl. 12, fig. 6.
= *Rhinelaps fasciolatus* Gunther 1872.

HOLOTYPE: D11226, Charlotte Waters, N.T., collected Horn Expedition, May-August 1894 (old no. 57805).

Genus **Oxyuranus** Kinghorn, 1923**Oxyuranus scutellatus canni** Slater, 1956

Mem. nat. Mus. Vict. 20: 202-5, Pl.

HOLOTYPE: D8614, Napa Napa, Port Moresby, New Guinea, collected K. Slater, 7 August 1953.

Genus **Pseudechis** Wagler, 1830**Pseudechis cupreus** Boulenger, 1896

Catalogue of Snakes in the British Museum 3: 329-30.
= *Pseudechis australis* (Gray 1842).

SYNTYPE: D12711, Kewell, Vict. (old nos. 51873 and R12852).

NOTES: McCoy (1887, Pl. 142, figs. 1-1c) illustrated this specimen which is referable to *Demansia textilis* (D. & B.). Krefft's (1865) specimen from the Lower Darling, the other syntype, appears lost as Mackay (1955) apparently found no specimen from this area in the Australian Museum, Sydney.

Pseudechis platycephalus Thomson, 1933

Proc. zool. Soc. Lond. for 1933, p. 859, Pl. 3, figs. 1-2.
= *Pseudechis australis* (Gray 1842).

HOLOTYPE: D12355, East Alligator River, N.T., collected P. Cahill, Sept. 1914 (old no. R12694).

NOTES: This specimen is a head and neck in spirits, prepared skull, and plaster cast of head.

Genus *Vermicella* Gunther, 1859*Vermicella annulata snelli* Storr, 1967*J. R. Soc. West Aust.* 50, 3: 82.

PARATYPES: D10072-4, Roper River, N.T., collected J. Schultze.

Vermicella bertholdi littoralis Storr, 1967*J. R. Soc. West Aust.* 50, 3: 84.

PARATYPE: D12402, Shark's Bay, W.A. (old no. R817).

Family TYPHLOPIDAE

Genus *Typhlops* Oppel, 1811*Typhlops grypus* Waite, 1918*Rec. S. Aust. Mus.* 1: 17-18, fig. 7.

HOLOTYPE: D12351, no data (old no. R7102).

PARATYPE: D12358, Marble Bar, NW. Aust. (old no. R7200).

NOTES: The paratype was before Waite at the time of describing the taxon, as proved by correspondence from him to the Museum dated 14 May 1918.

* The Report of the Horn Expedition was actually published before the authors' 'original description' and so becomes the original description.

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